

09/776;876	Filing Date:	Priority Date:	US Domestic Priority 119(e) Date:	INVENTOR NAME:	TODAY IS:	Paper Number:
09776876	06-Feb-01	NONE	NONE	NELSON	16-Mar-02	4
DIAMOND DETECTING APPARATUS AND METHOD						

Type	Hits	Search Text	DBs	Time Stamp	Comments
IS&R	6	((("5,080,766" or ("5,128,016" or ("4255962" or ("4616939" or ("4488821" or ("6043742"))).PN.	USPAT	01/19/2002 10:49	FROM IDS AND PALM INVENTOR SEARCH, USE AS KERNEL FOR JANUS SEARCH
IS&R	43	((("2264968" or ("2323715" or ("2362344" or ("2718141" or ("2924771" or ("2951360" or ("3016732" or ("3075377" or ("3084534" or ("3279239" or ("3611786" or ("3668927" or ("3810009" or ("3864969" or ("3981175" or ("4138878" or ("4090151" or ("4137770" or ("4344315" or ("4364677" or ("4395139" or ("0737061" or ("4066528" or ("4654125" or ("4799999" or ("4394580" or ("4845646" or ("5351117" or ("5835205" or ("4324129" or ("4522512" or ("4541730" or ("4722611" or ("4752770" or ("5064294" or ("5067820" or ("5559436" or ("5955735" or ("5716513" or ("5888362" or ("6095680" or ("6265884" or ("6281680"))).PN.	USPAT	03/16/2002 13:45	First JANUS SEARCH RESULTS
IS&R	16	((("5,664,884" or ("5,620,253" or ("6281680" or ("6265884" or ("6095680" or ("5955735" or ("5835205" or ("5559436" or ("4845646" or ("4394580" or ("4364677" or ("4344315" or ("4324129" or ("3981175" or ("3611786" or ("2951360"))).PN.	USPAT	03/16/2002 13:46	Kernel for second Janus Search from shoes and first janus search
IS&R	130	((("2264968" or ("2342029" or ("2779189" or ("3165915" or ("3217537" or ("3279239" or ("3290924" or ("3566669" or ("3570302" or ("3789654" or ("3795133" or ("2330599" or ("3668927" or ("4255962" or ("3903422" or ("3950102" or ("4012141" or ("4037961" or ("4117338" or ("4125770" or ("4291230" or ("3649820" or ("4035922" or ("4205449" or ("4229883" or ("4255861" or ("4570349" or ("4612656" or ("3808524" or ("3858978" or ("4075563" or ("4131848" or ("4291975" or ("4461568" or ("4488821" or ("4523467" or ("4616939" or ("4678994" or ("4835471" or ("5064281" or ("5143212" or ("3552185" or ("4372691" or ("4522512" or ("5297868" or ("5302022" or ("1799604" or ("2869417" or ("3610756" or ("3740142" or ("3794424" or ("4776917" or ("4906083" or ("4906093" or ("4907875" or ("5118181" or ("5146288" or ("5164586" or ("5260763" or ("5379102" or ("5406367" or ("5468326" or ("5536943" or ("5093576" or ("5723391" or ("2924771" or ("4381154" or ("4385843" or ("5052819" or ("5667300" or ("3944922" or ("4646571" or ("4841764" or ("4898470" or ("5317275" or ("5358596" or ("5450745" or ("5533411" or ("5603414" or ("5703288" or ("	USPAT	03/16/2002 15:46	Results from SECOND Janus Search

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
IS&R	L267	414	(374/142).CCLS.	USPAT	03/16/2002 15:57	
IS&R	L268	502	(340/540).CCLS.	USPAT	03/16/2002 15:49	
IS&R	L269	2782	((324/71.1) or (324/73.1) or (324/149) or (324/693) or (324/717) or (324/713) or (324/722) or (324/691)).CCLS.	USPAT	03/16/2002 15:56	
BRS	L270	260275	(Gemstone or zirconia or diamond or Diamond-like or gems or gem or Gem-quality or (synthetic adj diamond\$1) or (silicon adj carbide) or (precious adj stones) of corundum or sapphire or ruby or (aluminum adj oxide) or chrysoberyl or topaz or garnet or Rutile or spinel or Zircon)	USPAT	03/16/2002 15:57	

BRS	L271	47	267 and 270	USPAT	03/16/2002 16:06	Class 374, subclass 142
BRS	L272	389748	conductive or conductivity or conductance	USPAT	03/16/2002 15:58	
BRS	L273	670610	resistive or resistivity or resistance	USPAT	03/16/2002 16:09	
BRS	L274	866418	272 or 273	USPAT	03/16/2002 16:00	
BRS	L275	35	271 and 274	USPAT	03/16/2002 16:08	browsed
BRS	L276	12	271 not 274	USPAT	03/16/2002 16:05	browsed

BRS	L277	20	268 and 270	USPAT	03/16/2002 16:07	Class 340 -- the only one pertinent was cited in ids
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BRS	L278	221	269 and 270	USPAT	03/16/2002 16:21	Class 324, selected subclasses
BRS	L279	195	278 and 274	USPAT	03/16/2002 16:11	
BRS	L280	250519	(thermal or thermally) and 274	USPAT	03/16/2002 16:10	
BRS	L281	67	278 and 280	USPAT	03/16/2002 16:12	browse for combination of thermal and electrical testing in class 324
BRS	L282	15	269 and stone	USPAT	03/16/2002 16:21	browse, none new

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09776876	06-Feb-01	NONE	NONE	NELSON	19-Mar-02	4
DIAMOND DETECTING APPARATUS AND METHOD						

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
BRS	L10	260275	(Gemstone or zirconia or diamond or Diamond-like or gems or gem or Gem-quality or (synthetic adj diamond\$1) or (silicon adj carbide) or (precious adj stones) of corundum or sapphire or ruby or (aluminum adj oxide) or chrysoberyl or topaz or garnet or Rutile or spinel or Zircon)	USPAT	03/17/2002 11:42	
IS&R	L11	226	((374/10) or (374/11) or (374/12)).CCLS.	USPAT	03/17/2002 11:42	
IS&R	L12	446	(356/72).CCLS.	USPAT	03/17/2002 11:43	
IS&R	L13	163	(356/30).CCLS.	USPAT	03/17/2002 11:43	
BRS	L18	96	10 and 13	USPAT	03/17/2002 11:55	
BRS	L14	33	10 and 11	USPAT	03/17/2002 11:44	browsed, none new
IS&R	L19	958	((374/44) or (374/5) or (374/4) or (374/43) or (374/142)).CCLS.	USPAT	03/17/2002 11:49	subs searched already, to exclude
BRS	L20	50	17 not 14 not 19	USPAT	03/17/2002 11:50	no overlap
BRS	L21	96	18 not 14 not 19	USPAT	03/17/2002 11:50	no overlap
BRS	L17	50	10 and 12	USPAT	03/17/2002 11:52	browsed, one pertinent, already considered 5379102
BRS	L22	56	13 and (thermal or thermally or heat or heated or heating or temperature)	USPAT	03/17/2002 11:56	
BRS	L23	32	18 and 22	USPAT	03/17/2002 11:57	browsed, nothing new that is pertinent

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
IS&R	L1	287	(374/45).CCLS.	USPAT	03/19/2002 10:16	Note: DID CLARIFY SEARCH IN SHEET.
IS&R	L2	2784	((324/71.1) or (324/73.1) or (324/149) or (324/693) or (324/717) or (324/713) or (324/722) or (324/691)).CCLS.	USPAT	03/19/2002 10:17	
IS&R	L3	1150	((374/44) or (374/5) or (374/4) or (374/43) or (374/142) or (374/10) or (374/11) or (374/12)).CCLS.	USPAT	03/19/2002 10:17	
IS&R	L4	503	(340/540).CCLS.	USPAT	03/19/2002 10:17	
IS&R	L5	607	((356/72) or (356/30)).CCLS.	USPAT	03/19/2002 10:18	
IS&R	L6	211	(324/715).CCLS.	USPAT	03/19/2002 10:18	
BRS	L7	156	6 not 2	USPAT	03/19/2002 10:19	
BRS	L8	260622	(Gemstone or zirconia or diamond or Diamond-like or gems or gem or Gem-quality or (synthetic adj diamond\$1) or (silicon adj carbide) or (precious adj stones) of corundum or sapphire or ruby or (aluminum adj oxide) or chrysoberyl or topaz or garnet or Rutile or spinel or Zircon)	USPAT	03/19/2002 10:25	
BRS	L10	224	1 not (2 or 3 or 4 or 5 or 6)	USPAT	03/19/2002 10:21	
BRS	L9	23	7 and 8	USPAT	03/19/2002 10:22	
BRS	L11	35	10 and 8	USPAT	03/19/2002 10:26	stopped browsing when noted error indicated below.
BRS	L12	154662	(Gemstone or zirconia or diamond or Diamond-like or gems or gem or Gem-quality or (synthetic adj diamond\$1) or (silicon adj carbide) or (precious adj stones) of corundum or sapphire or ruby or (aluminum adj oxide) or chrysoberyl or topaz or garnet or Rutile or spinel or Zircon)	USPAT	03/19/2002 10:26	
BRS	L13	12	10 and 12	USPAT	03/19/2002 10:27	recognized typo in L8 included "of" in search terms

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
BRS	L1	250925	(thermal or thermally) and ((conductive or conductivity or conductance) or (resistive or resistivity or resistance))	USPAT	03/23/2002 12:54	
BRS	L2	154662	(Gemstone or zirconia or diamond or Diamond-like or gems or gem or Gem-quality or (synthetic adj diamond\$1) or (silicon adj carbide) or (precious adj stones) or corundum or sapphire or ruby or (aluminum adj oxide) or chrysoberyl or topaz or garnet or Rutile or spinel or Zircon)	USPAT	03/23/2002 12:32	
BRS	L3	45854	1 and 2	USPAT	03/23/2002 12:32	
BRS	L4	9126	3 and (identif\$7)	USPAT	03/23/2002 12:33	
BRS	L5	152	3 and (identif\$7 with diamond)	USPAT	03/23/2002 12:55	
BRS	L6	82	3 and (identif\$7 with metallic)	USPAT	03/23/2002 12:34	
BRS	L7	622	3 and (identif\$7 with metal\$1)	USPAT	03/23/2002 12:35	
BRS	L8	3	(6 or 7) and 5	USPAT	03/23/2002 12:55	
BRS	L9	682	(6 or 7)	USPAT	03/23/2002 12:37	
BRS	L10	3	9 and (test\$probe or (probe adj tip) or pen\$1like)	USPAT	03/23/2002 12:39	
BRS	L11	98	4 and (test\$probe or (probe adj tip) or pen\$1like)	USPAT	03/23/2002 12:40	
BRS	L12	3	5 and (test\$probe or (probe adj tip) or pen\$1like)	USPAT	03/23/2002 12:51	
BRS	L13	0	5 and (two\$1electrode or two\$1electrode or dual\$1electrode or dual\$1electrodes)	USPAT	03/23/2002 12:52	
BRS	L14	16	4 and (two\$1electrode or two\$1electrode or dual\$1electrode or dual\$1electrodes)	USPAT	03/23/2002 12:52	
BRS	L15	483269	(electric\$3) and ((conductive or conductivity or conductance) or (resistive or resistivity or resistance))	USPAT	03/23/2002 12:54	
BRS	L16	30903	3 and 15	USPAT	03/23/2002 12:55	
BRS	L17	119	16 and 5	USPAT	03/23/2002 12:56	

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
IS&R	L1	35	((("3944922") or ("4255962") or ("4324129") or ("4344315") or ("4364677") or ("4488821") or ("4616939") or ("4646571") or ("4841764") or ("4898470") or ("4906083") or ("5052819") or ("5118181") or ("5317275") or ("5358596") or ("5379102") or ("5450745") or ("5533411") or ("5536943") or ("5559436") or ("5603414") or ("5620253") or ("5664884") or ("5703288") or ("5748317") or ("5756893") or ("5801819") or ("5807523") or ("5811817") or ("5811824") or ("5835200") or ("5835205") or ("5844684") or ("5880504") or ("5955735"))),PN.	USPAT	03/23/2002 13:29	cited patents of 6265884 (Menashi et al)
BRS	L2	22	1 and ((conductive or conductivity or conductance) or (resistive or resistivity or resistance))	USPAT	03/23/2002 13:31	
BRS	L3	18	1 and (prevent\$3)	USPAT	03/23/2002 13:31	
BRS	L4	11	3 and 2	USPAT	03/23/2002 13:31	browsed, not new
BRS	L5	24	1 not 4	USPAT	03/23/2002 13:42	browsed the remaining patents